

## Closing plugs with exterior squares and conical threads

up to 25 bar

Type 25 bar mall. cast iron galv.	Type 16 bar AISI 316	Thread	Type 25 bar mall. cast iron galv.	Type 16 bar AISI 316	Thread
VS 18 ST	VS 18 VK ES	R 1/8"	VS 114 ST	VS 114 VK ES	R 1 1/4"
VS 14 ST	VS 14 VK ES	R 1/4"	VS 112 ST	VS 112 VK ES	R 1 1/2"
VS 38 ST	VS 38 VK ES	R 3/8"	VS 20 ST	VS 20 VK ES	R 2"
VS 12 ST	VS 12 VK ES	R 1/2"	VS 212 ST	VS 212 VK ES	R 2 1/2"
VS 34 ST	VS 34 VK ES	R 3/4"	VS 30 ST	VS 30 VK ES	R 3"
VS 10 ST	VS 10 VK ES	R 1"	---	VS 40 VK ES	R 4"



type 290/T9



## Locking screws with elastomer seals (imperial)

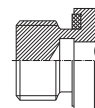
up to 400 bar

Materials: Seal: NBR (type AISI 316Ti: FKM)

Optional: Seal made of FKM -V

Type zinc-plated steel	Type AISI 316Ti	Thread	PN*
VSTi 1/8	VSTi 1/8 ES	G 1/8"	400 bar
VSTi 1/4	VSTi 1/4 ES	G 1/4"	400 bar
VSTi 3/8	VSTi 3/8 ES	G 3/8"	400 bar
VSTi 1/2	VSTi 1/2 ES	G 1/2"	400 bar
VSTi 3/4	VSTi 3/4 ES	G 3/4"	400 bar
VSTi 1	VSTi 1 ES	G 1"	400 bar
VSTi 1 1/4	VSTi 1 1/4 ES	G 1 1/4"	250 bar
VSTi 1 1/2	VSTi 1 1/2 ES	G 1 1/2"	250 bar

\* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases



## Locking screws with elastomer seals (metric)

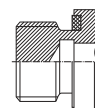
up to 400 bar

Materials: Seal: NBR (type AISI 316Ti: FKM)

Optional: Seal made of FKM -V

Type zinc-plated steel	Type AISI 316Ti	Thread	PN*
VSTi 10 x 1	VSTi 10 x 1 ES	M 10 x 1	400 bar
VSTi 12 x 1.5	VSTi 12 x 1.5 ES	M 12 x 1.5	400 bar
VSTi 14 x 1.5	VSTi 14 x 1.5 ES	M 14 x 1.5	400 bar
VSTi 16 x 1.5	VSTi 16 x 1.5 ES	M 16 x 1.5	400 bar
VSTi 18 x 1.5	VSTi 18 x 1.5 ES	M 18 x 1.5	400 bar
VSTi 20 x 1.5	VSTi 20 x 1.5 ES	M 20 x 1.5	400 bar
VSTi 22 x 1.5	VSTi 22 x 1.5 ES	M 22 x 1.5	400 bar
VSTi 24 x 1.5	---	M 24 x 1.5	400 bar
VSTi 26 x 1.5	VSTi 26 x 1.5 ES	M 26 x 1.5	400 bar
VSTi 27 x 2	VSTi 27 x 2 ES	M 27 x 2	400 bar
VSTi 33 x 2	VSTi 33 x 2 ES	M 33 x 2	400 bar
VSTi 42 x 2	VSTi 42 x 2 ES	M 42 x 2	250 bar
VSTi 48 x 2	VSTi 48 x 2 ES	M 48 x 2	250 bar

\* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases



## Locking screws with NPT threads

up to 345 bar

Type zinc-plated steel	Type V4A (stainless steel)	Type 16 bar AISI 316	Thread	PN*
VSTi 1/8 NPT	VSTi 1/8 NPT ES	Closing plugs	1/8" NPT	345 bar
VSTi 1/4 NPT	VSTi 1/4 NPT ES	with NPT thread	1/4" NPT	275 bar
VSTi 3/8 NPT	VSTi 3/8 NPT ES	(PN 1.6) see	3/8" NPT	210 bar
VSTi 1/2 NPT	VSTi 1/2 NPT ES	page 136	1/2" NPT	210 bar
VSTi 3/4 NPT	VSTi 3/4 NPT ES		3/4" NPT	170 bar
VSTi 1 NPT	VSTi 1 NPT ES		1" NPT	140 bar
VSTi 1 1/4 NPT	VSTi 1 1/4 NPT ES		1 1/4" NPT	80 bar
VSTi 1 1/2 NPT	VSTi 1 1/2 NPT ES		1 1/2" NPT	70 bar
VSTi 2 NPT	VSTi 2 NPT ES		2" NPT	70 bar

\* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases

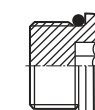


## Locking screws with O-rings with UNF threads

up to 630 bar

Type zinc-plated steel	Type V4A (stainless steel)	Thread	PN*
VSTi 7/16 UNF	VSTi 7/16 UNF ES	UNF 7/16"-20	630 bar
VSTi 1/2 UNF	VSTi 1/2 UNF ES	UNF 1/2"-20	630 bar
VSTi 9/16 UNF	VSTi 9/16 UNF ES	UNF 9/16"-18	630 bar
VSTi 3/4 UNF	VSTi 3/4 UNF ES	UNF 3/4"-16	630 bar
VSTi 7/8 UNF	VSTi 7/8 UNF ES	UNF 7/8"-14	630 bar
VSTi 1 1/16 UNF	VSTi 1 1/16 UNF ES	UN 1 1/16"-12	400 bar
VSTi 1 3/16 UNF	---	UN 1 3/16"-12	400 bar
VSTi 1 5/16 UNF	VSTi 1 5/16 UNF ES	UN 1 5/16"-12	400 bar
VSTi 1 5/8 UNF	VSTi 1 5/8 UNF ES	UN 1 5/8"-12	250 bar
VSTi 1 7/8 UNF	VSTi 1 7/8 UNF ES	UN 1 7/8"-12	250 bar

\* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.